

Date: 12¹⁰/03
Please type a plus sign (+) inside this box ☒






















PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/024,046-10730979
		Filing Date	December 21, 2001 12/19/02
		First Named Inventor	Khanapure
		Group Art Unit	
		Examiner Name	
Sheet 1	of 9	Attorney Docket Number	102258.124 US2

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
8/2		5,281,613		Bradbury et al	01-25-1994	—
		5,387,592		Bradbury et al	02-07-1995	—
		5,463,135		Kanschik-Conradsen et al	10-31-1995	—
		5,567,711		Sheppard et al	10-22-1996	—
		5,593,994		Batt et al	01-14-1997	—
		5,621,000		Arena et al	04-15-1997	—
		5,643,922		Sheppard et al	07-01-1997	—
		5,654,305		Sheppard et al	08-05-1997	—
		5,700,947		Soldato	12-23-1997	—
		5,703,073		Garvey et al	12-30-1997	—
		5,710,159		Voss et al	01-20-1998	—
		5,719,164		Weidmann et al	02-17-1998	—
		5,726,305		Weidmann et al	03-10-1998	—
		5,780,495		Del Soldato	07-14-1998	—
		5,861,426		Del Soldato et al	01-19-1999	—
		5,932,586		Batt et al	08-03-1999	—
		5,990,148		Isakson et al	11-23-1999	—
		6,010,981		Siddall et al	01-04-2000	—
		6,040,341		Del Soldato et al	03-21-2000	—
		6,043,232		Garvey et al	03-28-2000	—

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³	
		Office ³	Number ⁴	Kind Code ⁵ (if known)					
		WO	94/04484		Matji et al	03-03-1994			
		JP	6-107646		Takashi et al	04-19-1994			
		WO	94/12463		Arena	06-09-1994			
		WO	95/01426		Schneider et al	01-12-1995			
		WO	95/09831		Del Soldato	04-13-1995			
		WO	95/30641		Del Soldato et al	11-16-1995			
		WO	96/10012		Batt et al	04-04-1996			
			WO	96/26921		Chaki et al	09-06-1996		
			WO	96/32946		Garvey et al	10-24-1996		
			WO	97/31654		Del Soldato	09-04-1997		

Examiner Signature	<i>[Signature]</i>	Date Considered	6/18/04
-----------------------	--------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		C mplete If Known Application Number <u>10/024,046</u> <u>10730979</u> Filing Date <u>December 21, 2001</u> First Named Inventor <u>Khanapure</u> Group Art Unit _____ Examiner Name _____ Attorney Docket Number <u>102258.124 US1</u>	
Sheet	2	of	9

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
[Signature]		6,043,233		Garvey et al	03-28-2000	—
		6,046,217		Friesen et al	04-04-2000	—
		6,048,858		Garvey et al	04-11-2000	—
		6,051,588		Garvey et al	04-18-2000	—
		6,057,347		Garvey et al	05-02-2000	—
		6,083,515		Garvey et al	07-04-2000	—
		6,143,734		Garvey et al	11-07-2000	—
		6,232,315	B1	Shafer et al	05-15-2001	—
		6,245,797	B1	Winokur	06-12-2001	—
		6,248,745	B1	Hamley et al	06-19-2001	—
[Signature]		6,297,260	B1	Bandarage et al	10-02-2001	—
		6,323,234	B1	Garvey et al	11-27-2001	—

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴ Kind Code ⁵ (if known)				
		WO	98/09948		Del Soldato et al	03-12-1998	
		WO	98/26127		Freudenreich et al	06-18-1998	
		WO	98/56899		Hage et al	12-17-1998	
		WO	98/57633		Kajiji	12-23-1998	
		WO	99/14194		Friesen et al	03-25-1999	
		WO	99/14195		Freisen et al	03-25-1999	
		WO	99/20110		Winokur	04-29-1999	
		WO	99/21859		Cheung et al	05-06-1999	
		WO	99/34054		Damhus et al	07-08-1999	
		WO	99/44595		Del Soldato	09-10-1999	

Examiner Signature <u>[Signature]</u>	Date Considered <u>6/18/04</u>
--	-----------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	10/024,946 10730979
				Filing Date	December 21, 2001- 12/10/02
				First Named Inventor	Khanapure
				Group Art Unit	
				Examiner Name	
Sheet	3	of	9	Attorney Docket Number	102258.124 US 2

[illegible]

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴ (if known)				
820		WO	99/45004	Del Soldato	09-10-1999		
		WO	99/45913	Nichtberger	09-16-1999		
		WO	99/58635	Josa et al	11-18-1999		
		WO	00/05225	Bottcher et al	02-03-2000		
		WO	00/06585	Del Soldato	02-10-2000		
		WO	00/18352	Shafer et al	04-06-2000		
		WO	00/25776	Bandarage et al	05-11-2000		
		WO	00/44705	Del Soldato et al	08-03-2000		
		WO	00/51988	Benedini et al	08-03-2000		
		WO	00/61537	Del Soldato	10-19-2000		

Examiner Signature		Date Considered	6/18/04
-----------------------	---	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

$\rightarrow \overline{+}$

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

4

of

9

Application Number	10/024,026
Filing Date	December 21, 2001
First Named Inventor	Khanapure
Group Art Unit	
Examiner Name	
Attorney Docket Number	102258.124 US3

[illegible]

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴				
[Handwritten initials]		WO	00/61541		Del Soldato	10-19-2000	
		WO	00/61549		Del Soldato	10-19-2000	
		WO	00/61604		Del Soldato	10-19-2000	
		EP	1 052 238	A1	Tanimoto et al	11-15-2000	
		WO	00/72838	A1	Eek et al	12-07-2000	
		WO	00/73278	A2	Boes et al	12-07-2000	
		WO	01/00563	A1	Benedini et al	01-04-2001	
		WO	01/04082	A1	Castaldi et al	01-18-2001	
		WO	01/10814	A1	Benedini et al	02-15-2001	
		WO	01/12584	A2	Del Soldato	02-22-2001	

[Signature]

$$6 \overline{) 1804}$$

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+

+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

[illegible][illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	6/18/04
-----------------------	--------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Complete if Known

Application Number	10/024,026
Filing Date	December 21, 2001
First Named Inventor	Khanapure
Group Art Unit	
Examiner Name	
Attorney Docket Number	102258.124 USPTO

Sheet 6 of 9

[illegible][illegible]

for club

6) 18/02

1. Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+